



REPLACEMENT SHEET

Appln. Filing Date: September 26, 2003

Title: SYSTEM FOR DISPENSING PROJECTILES AND SUBMUNITIONS

Inventor(s): Matthew Alan Michel

Appln. No.: 10/671,066

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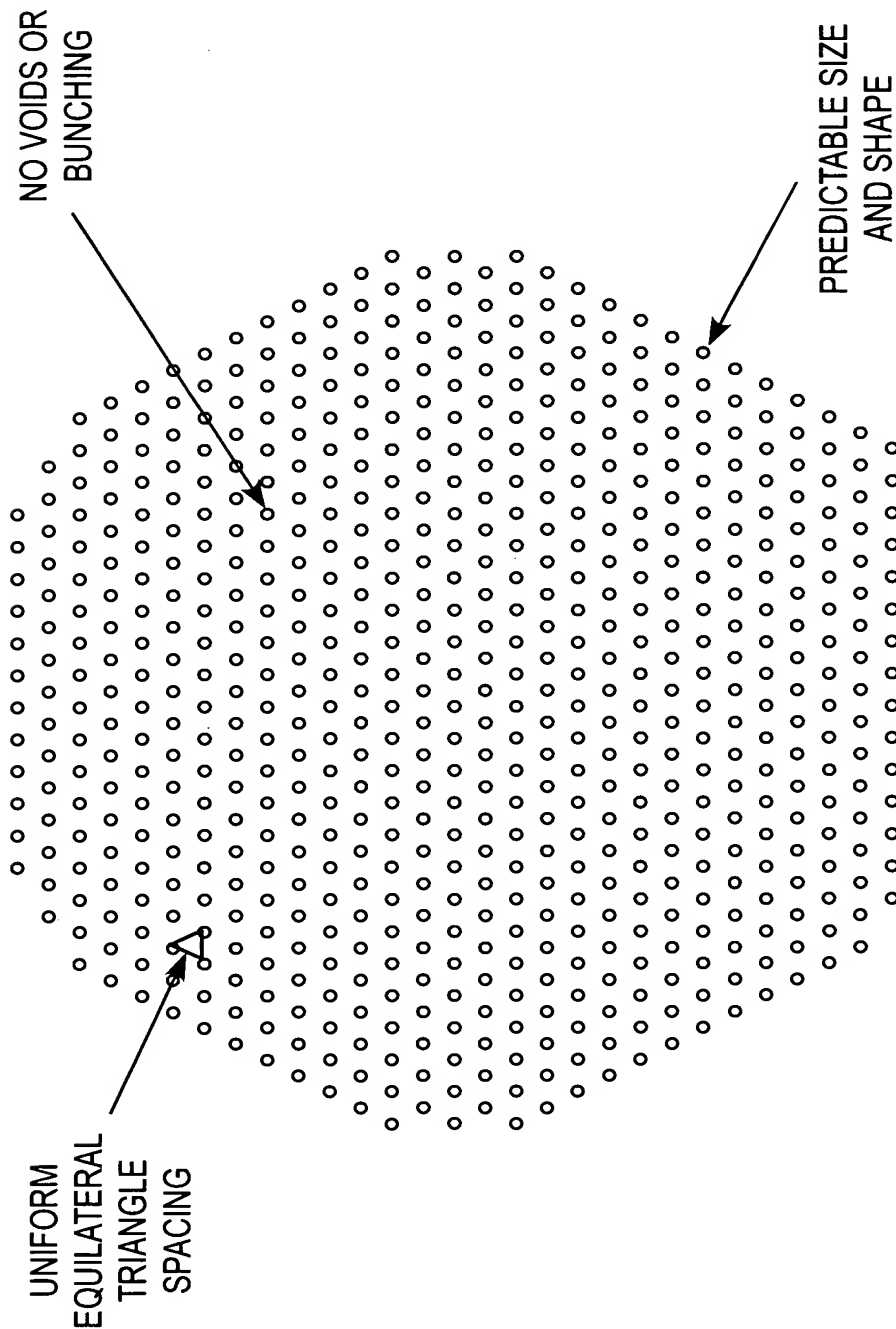
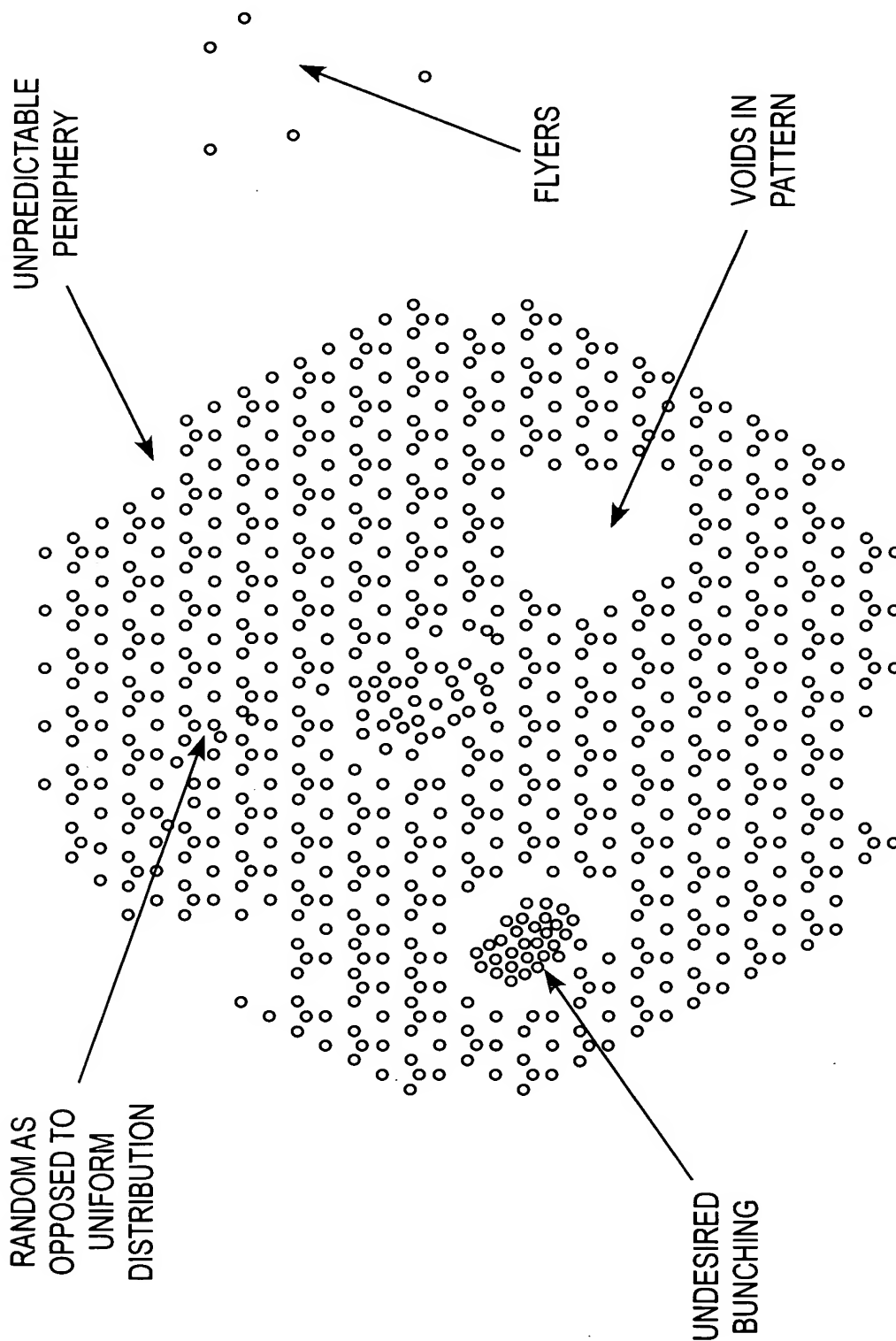


FIG. 1



PRIOR ART

FIG. 2

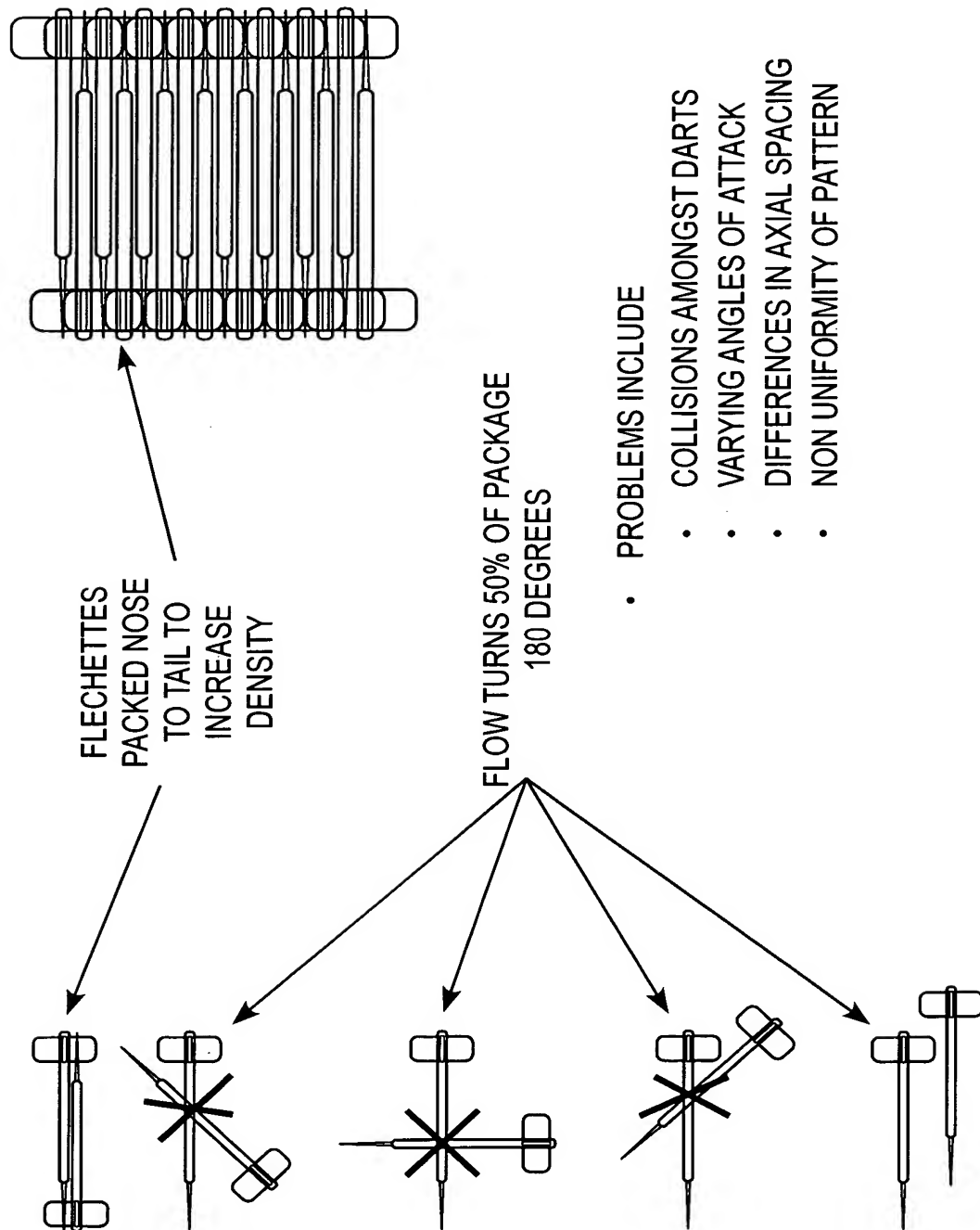
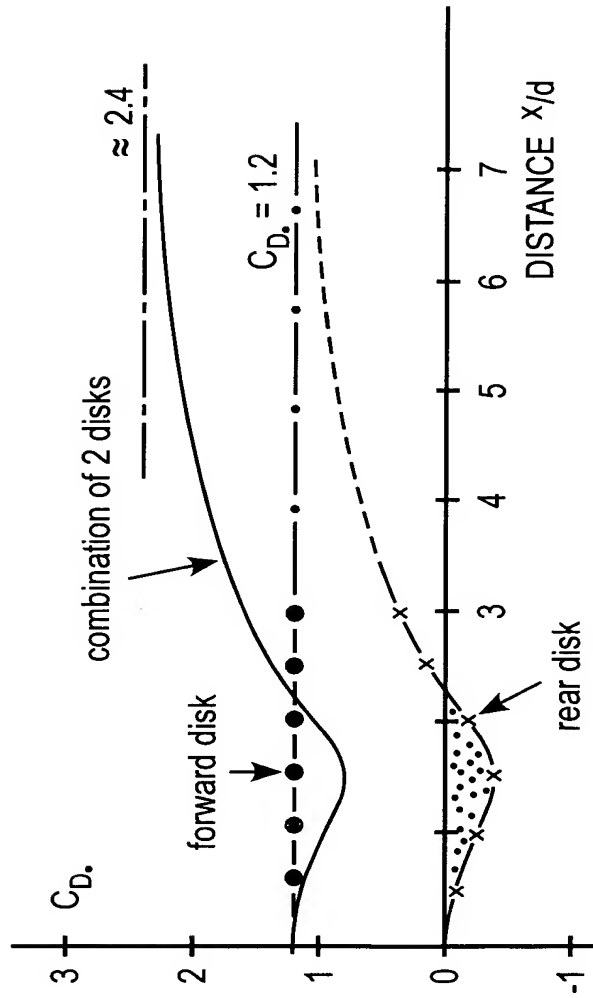


FIG. 3

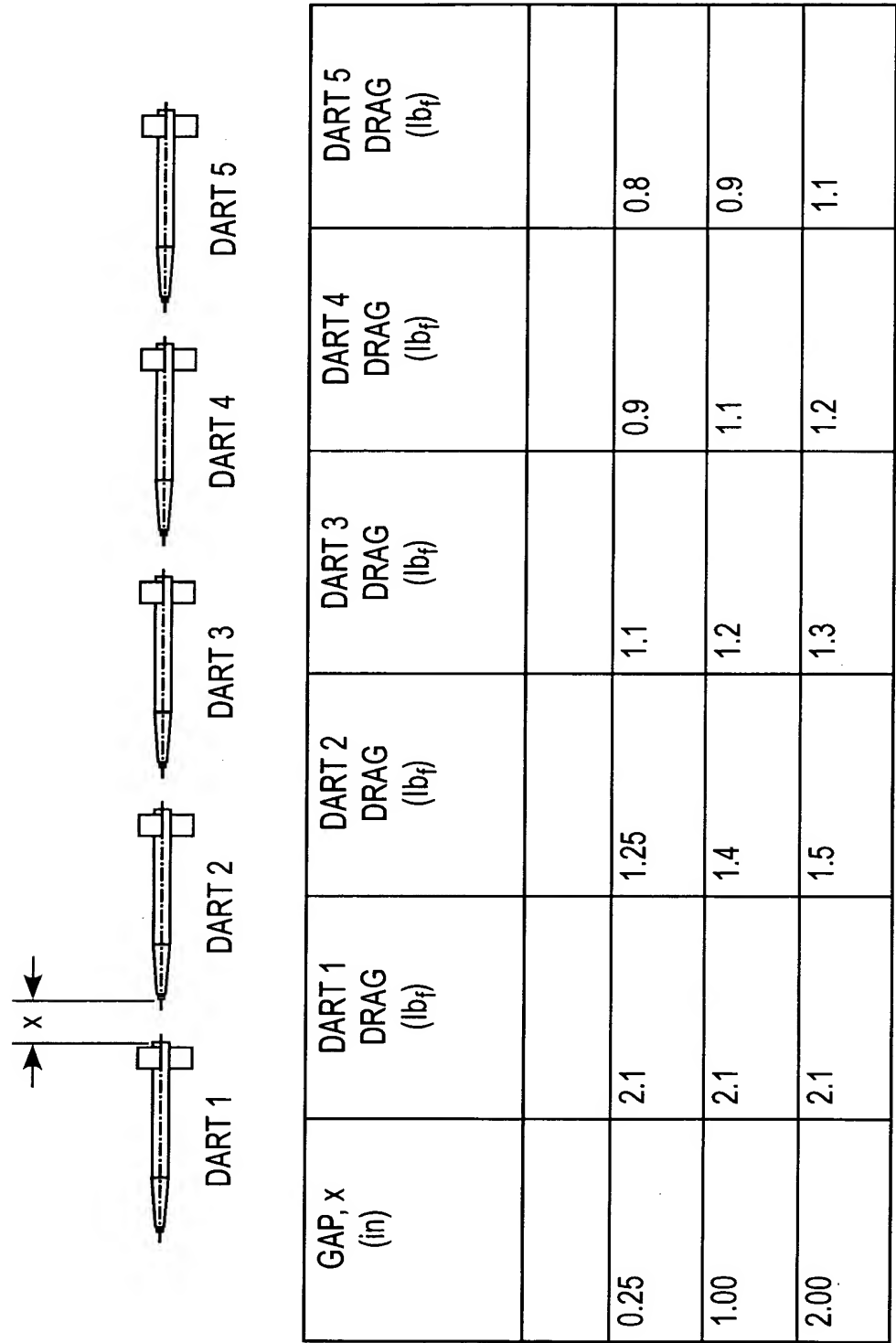


• GENERAL TRENDS

- FOR SEPARATIONS WHERE  $x/d < 2.2$  THE DRAG ON DISK 2 IS ACTUALLY NEGATIVE
- DRAG ON DISK 2 ASYMPTOTICALLY APPROACHES ITS FREE AIR DRAG AT  $x/d = 7$

PRIOR ART

**FIG. 4**



v = 1500 ft/sec, m = 35 g

FIG. 5

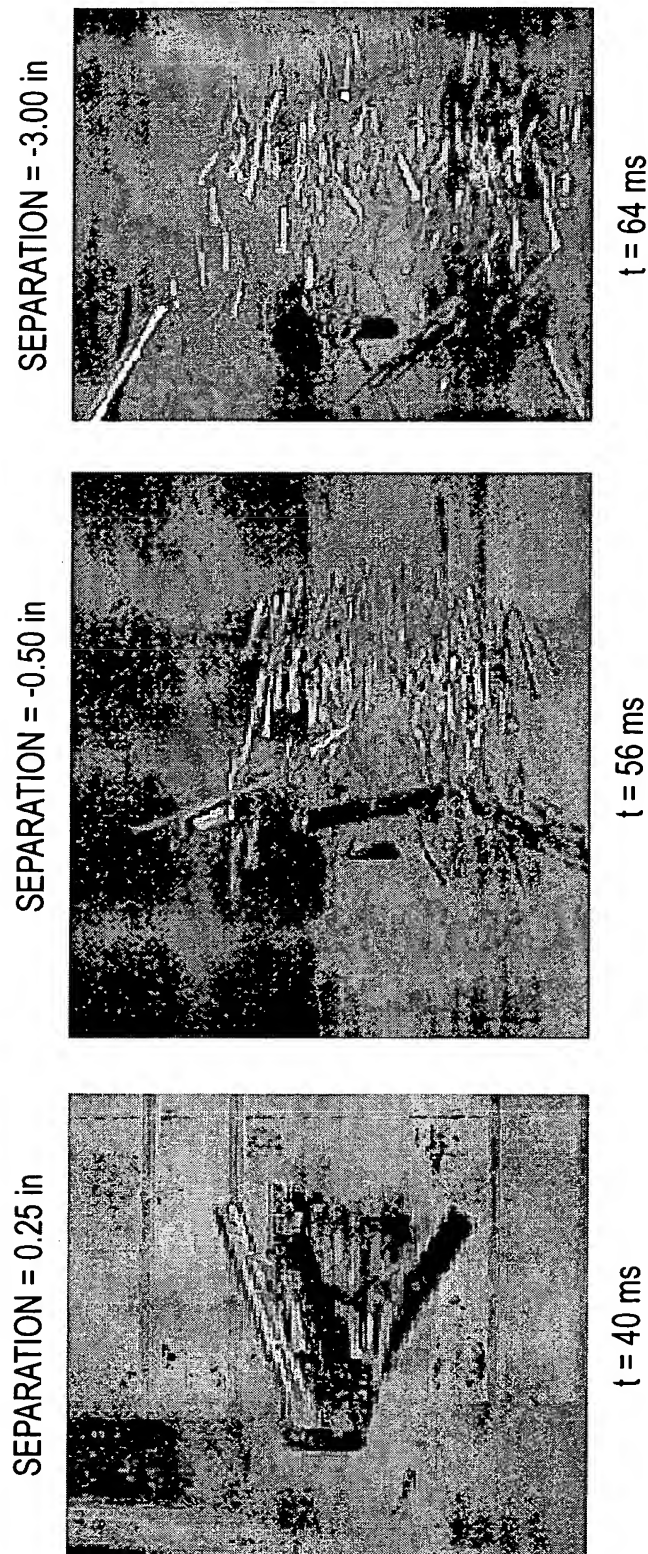
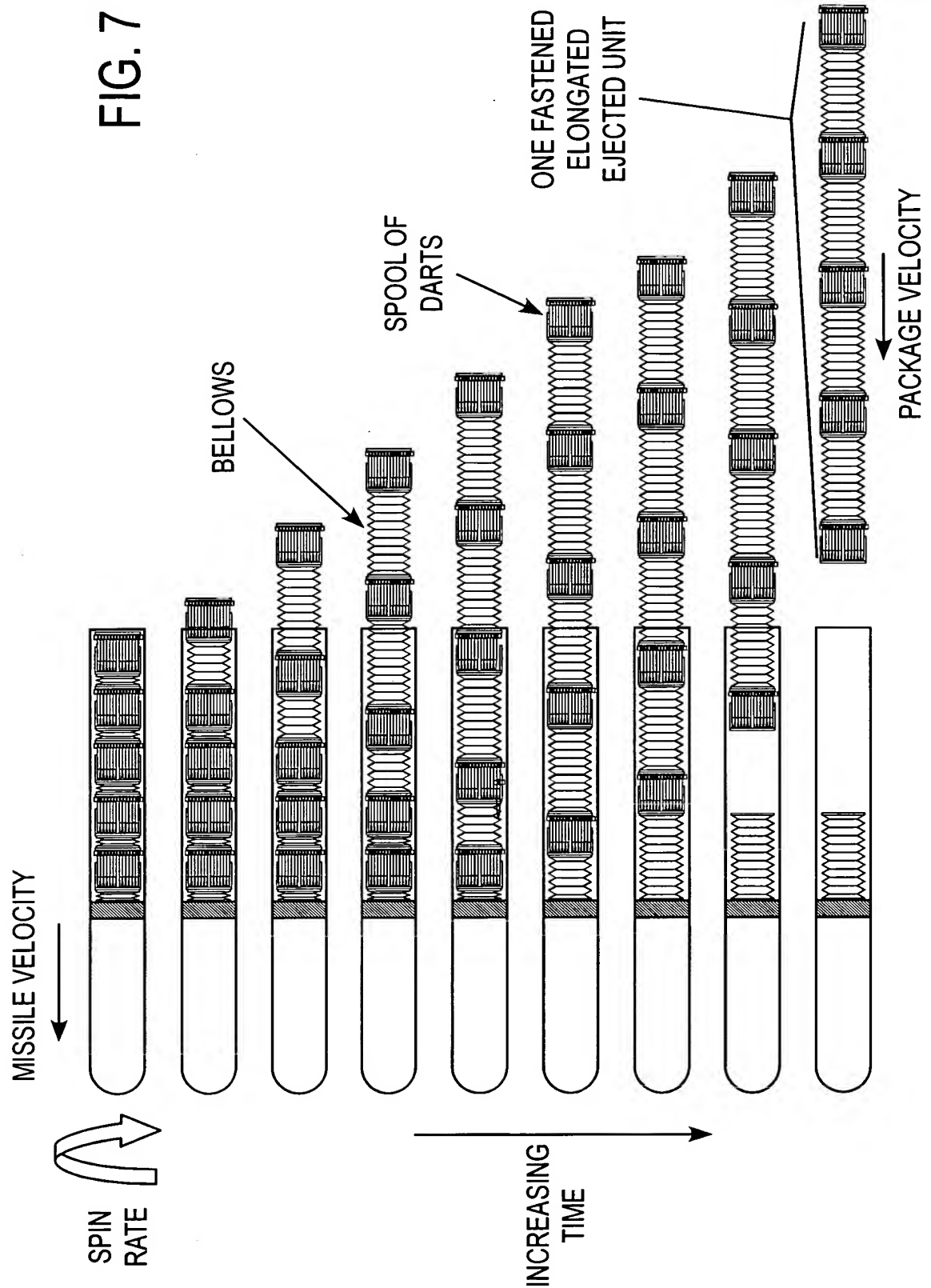
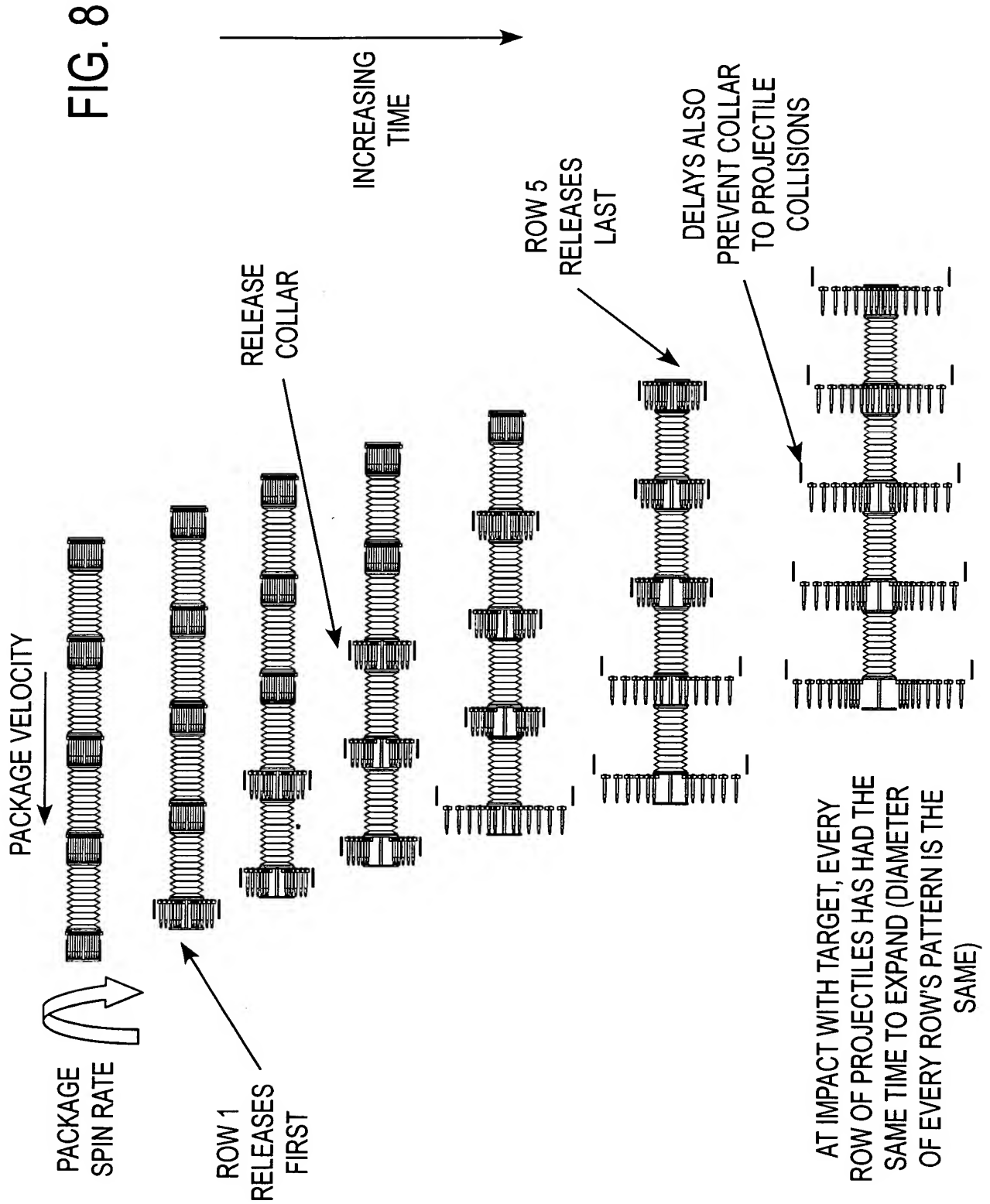
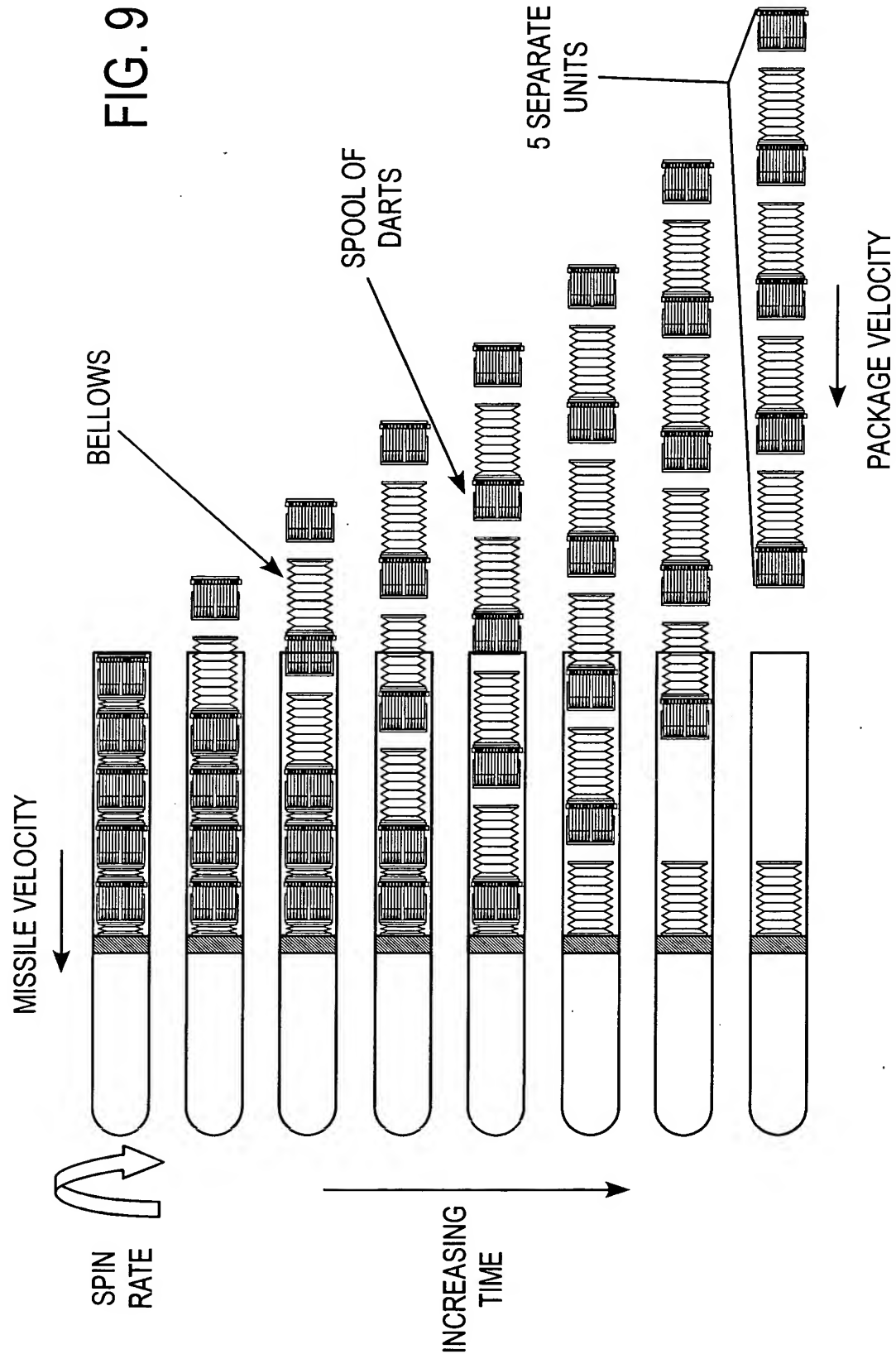


FIG. 6









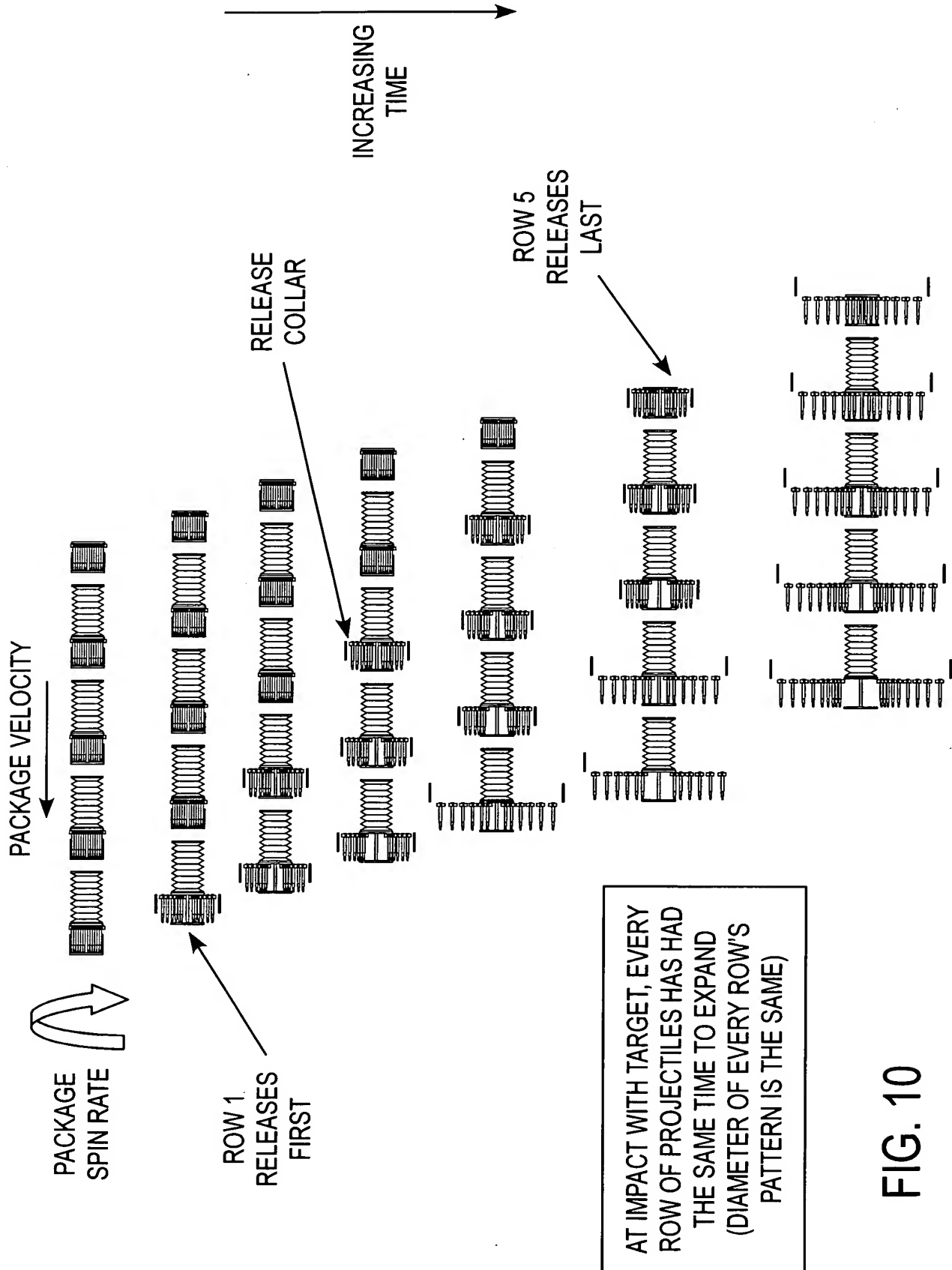
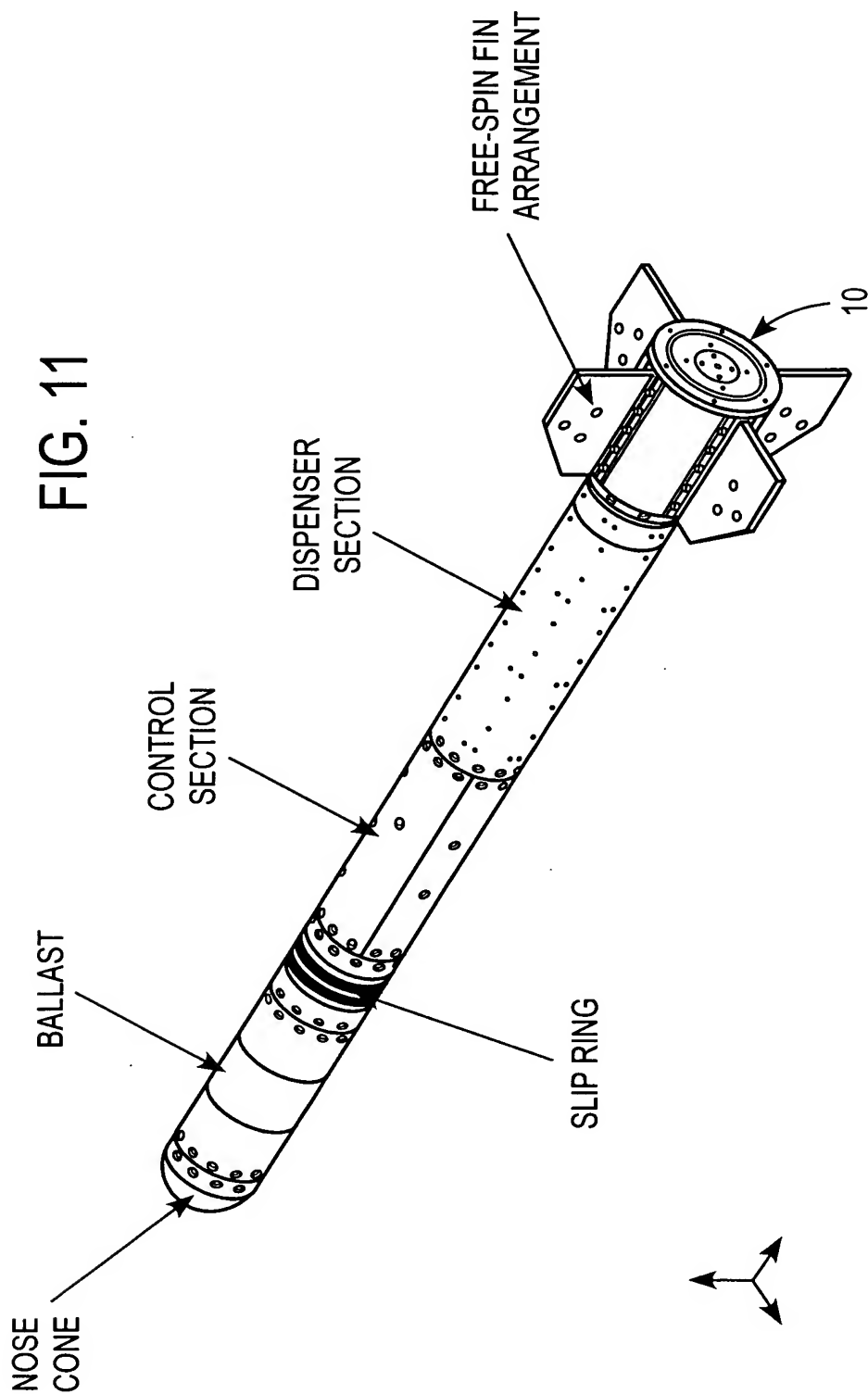
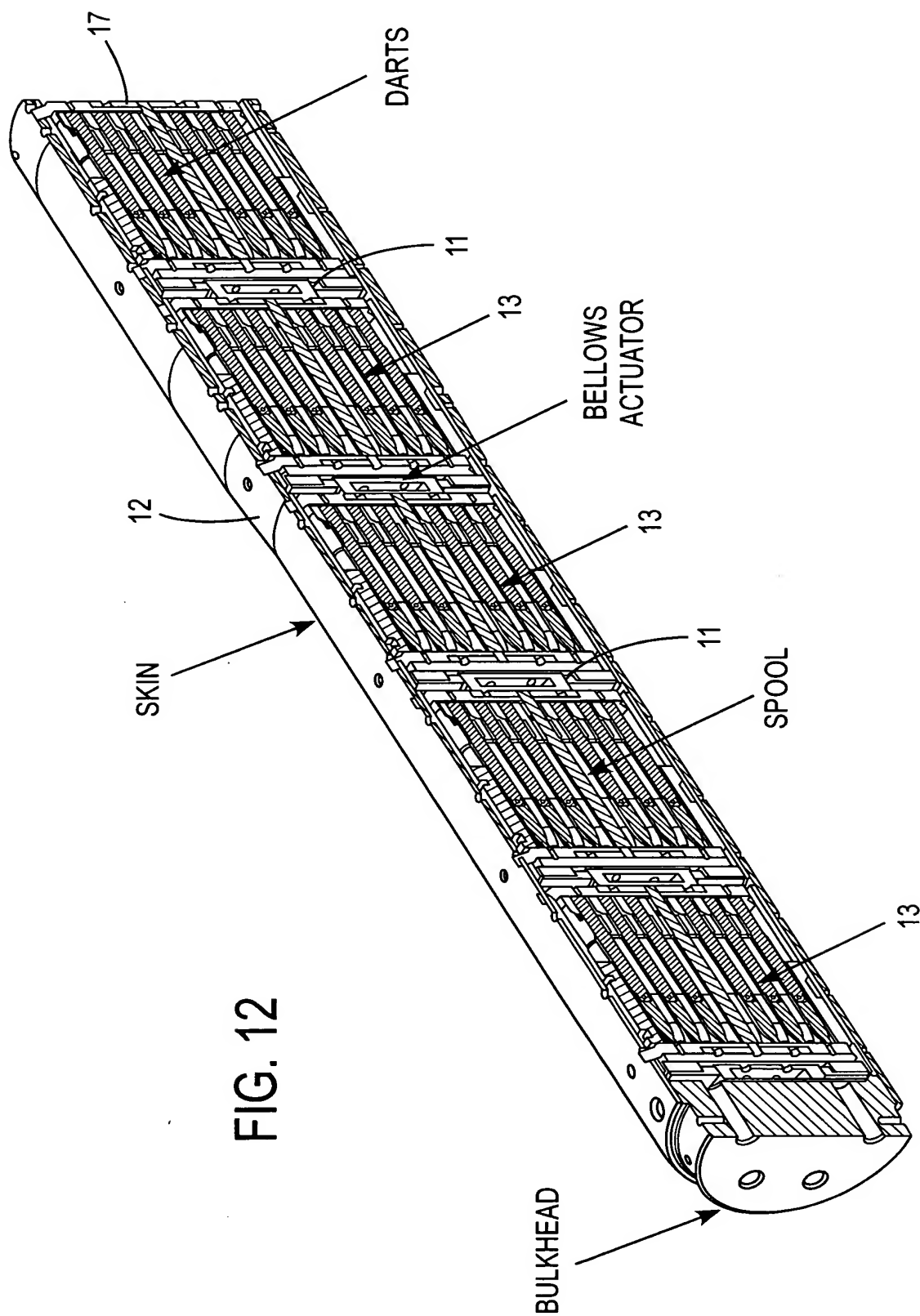


FIG. 10





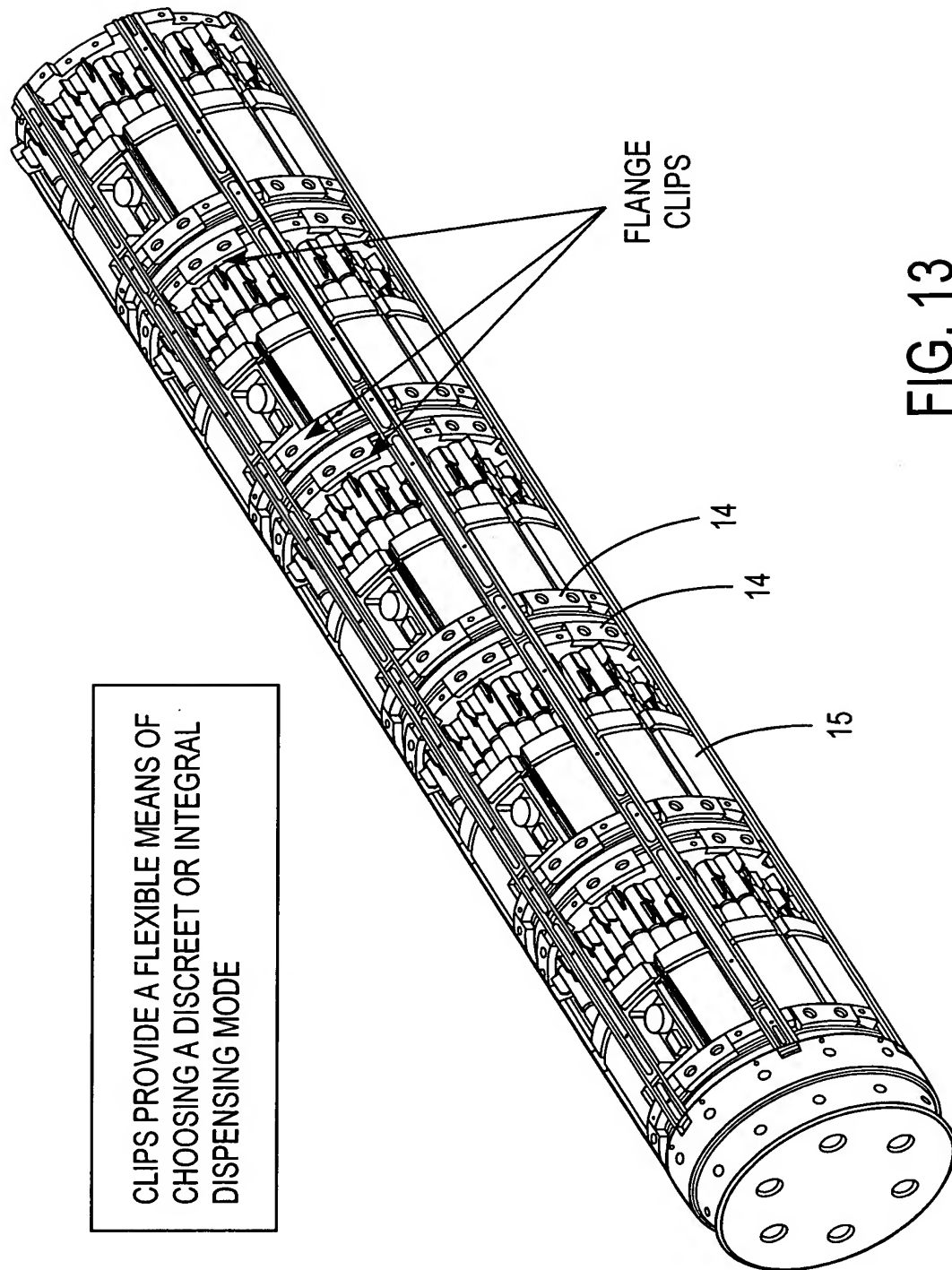


FIG. 13

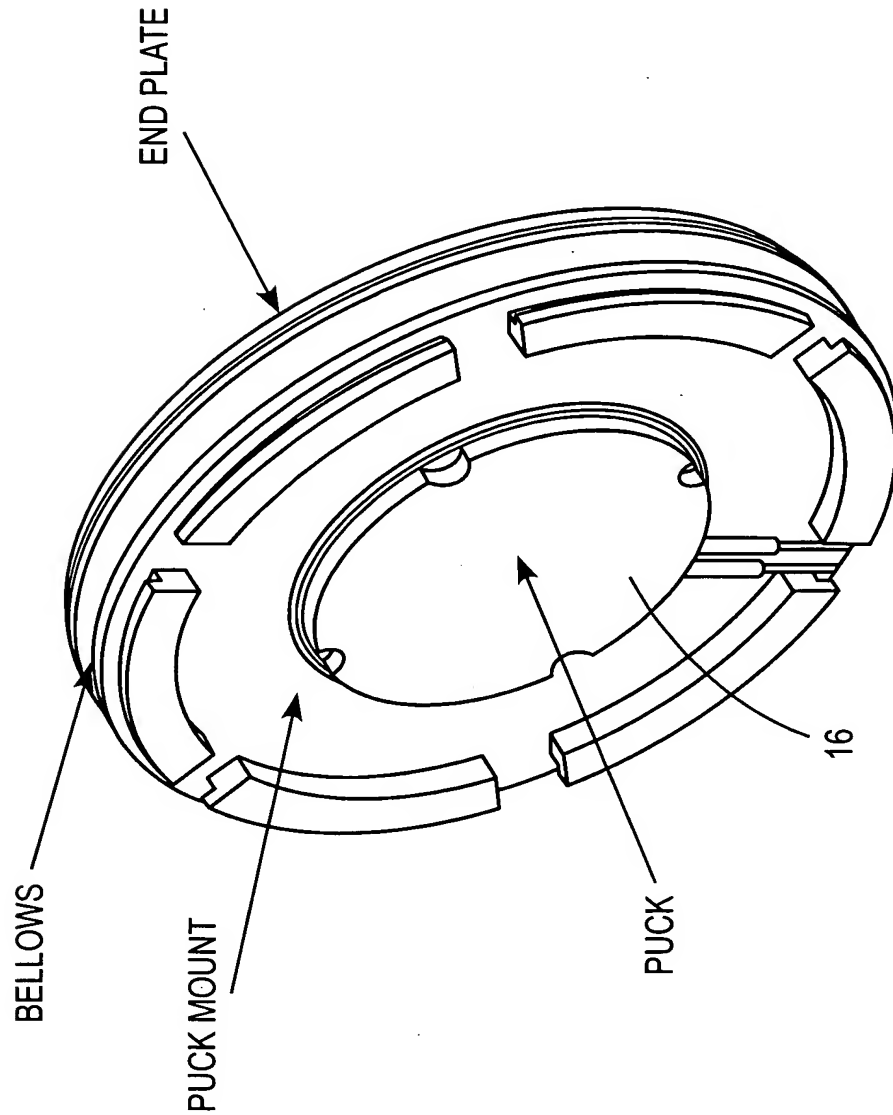


FIG. 14

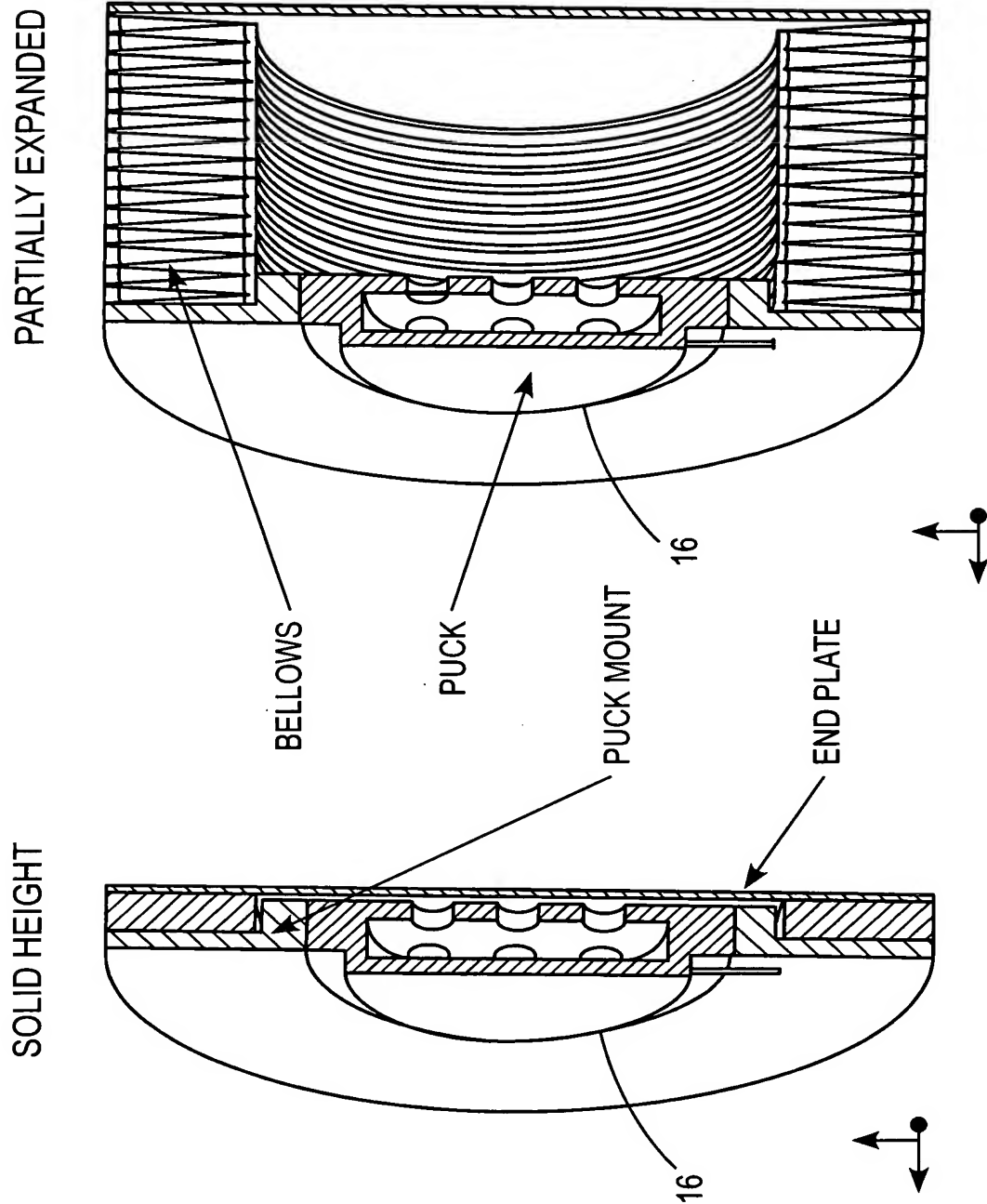


FIG. 15

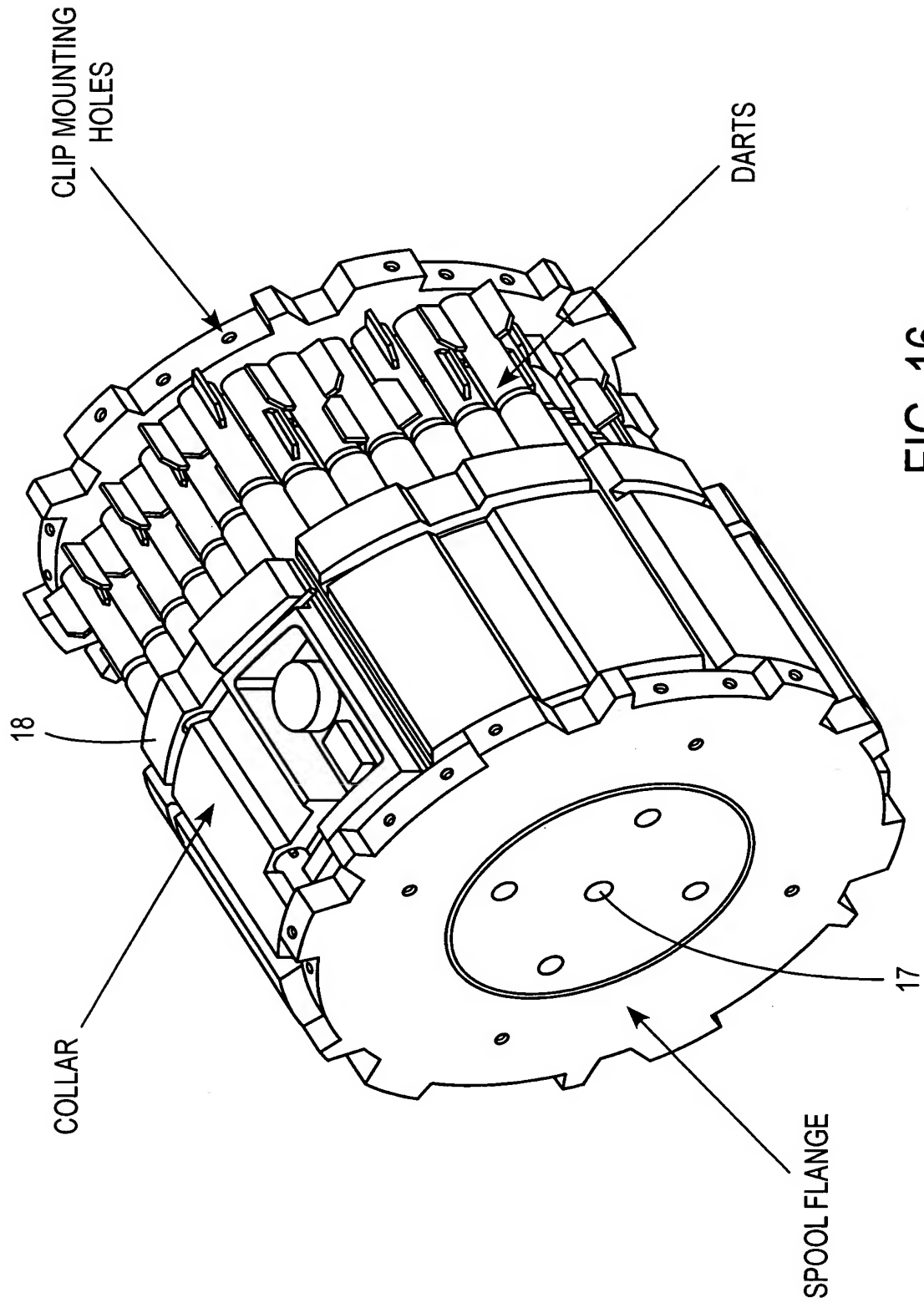


FIG. 16



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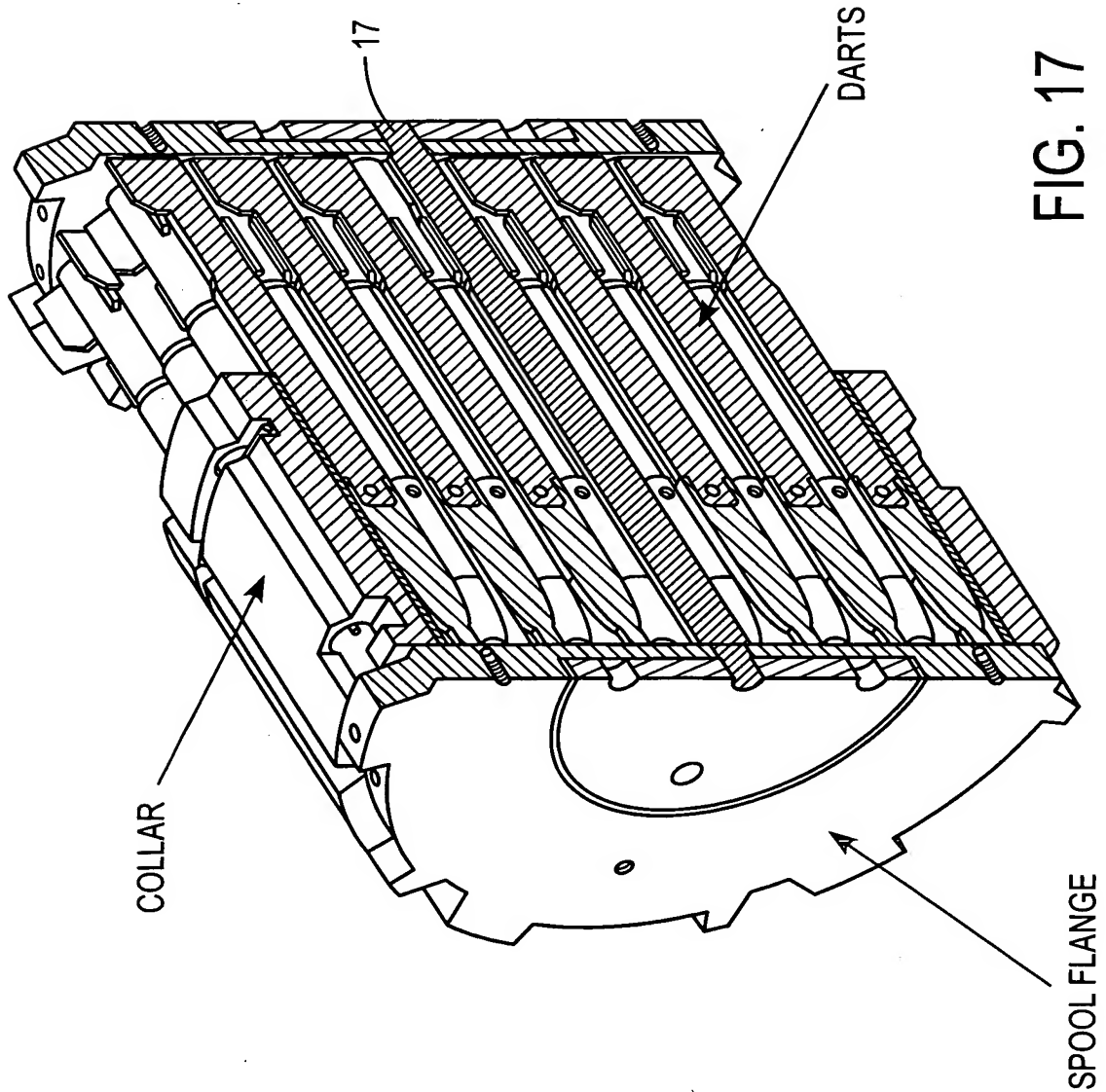
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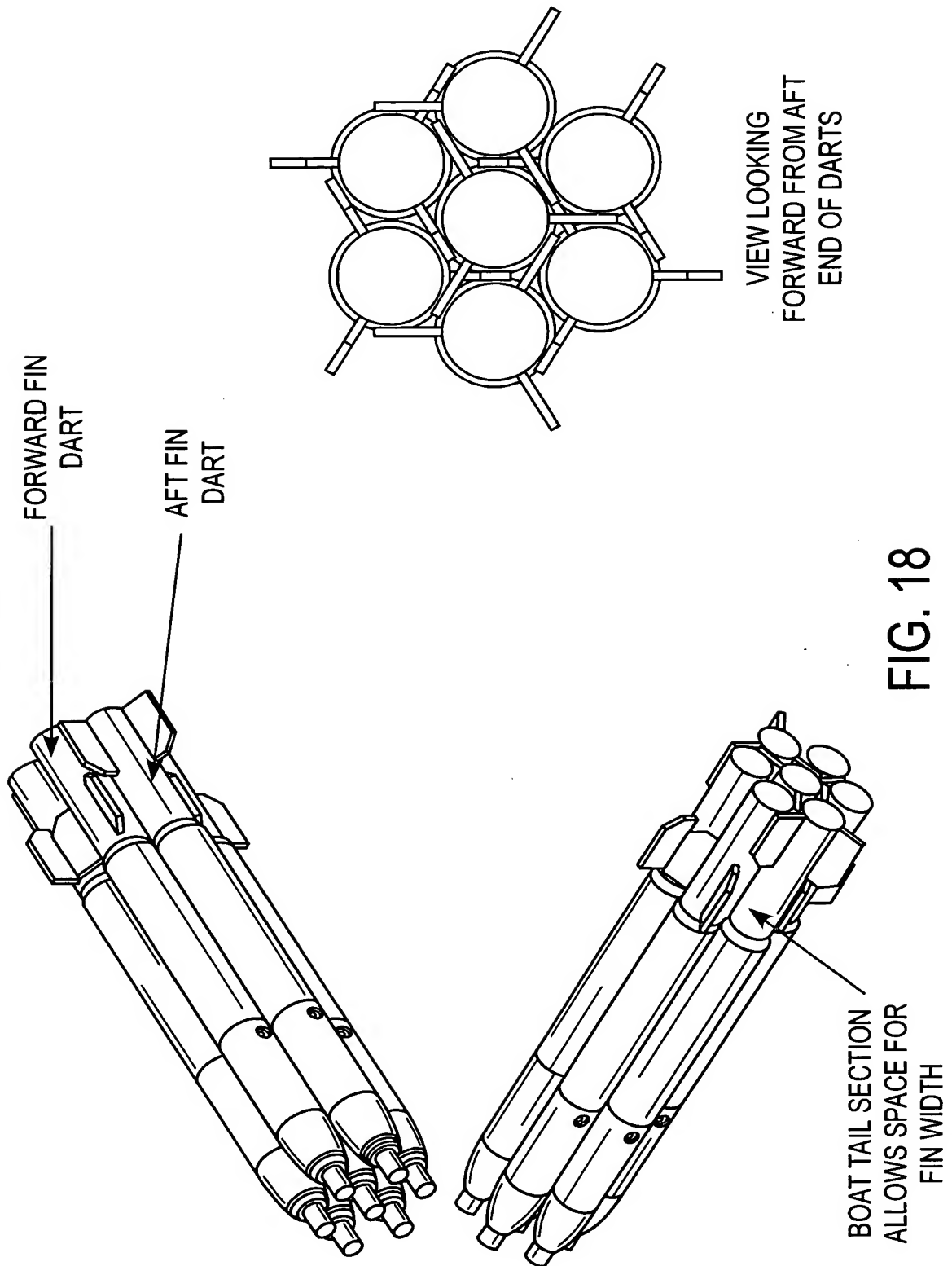
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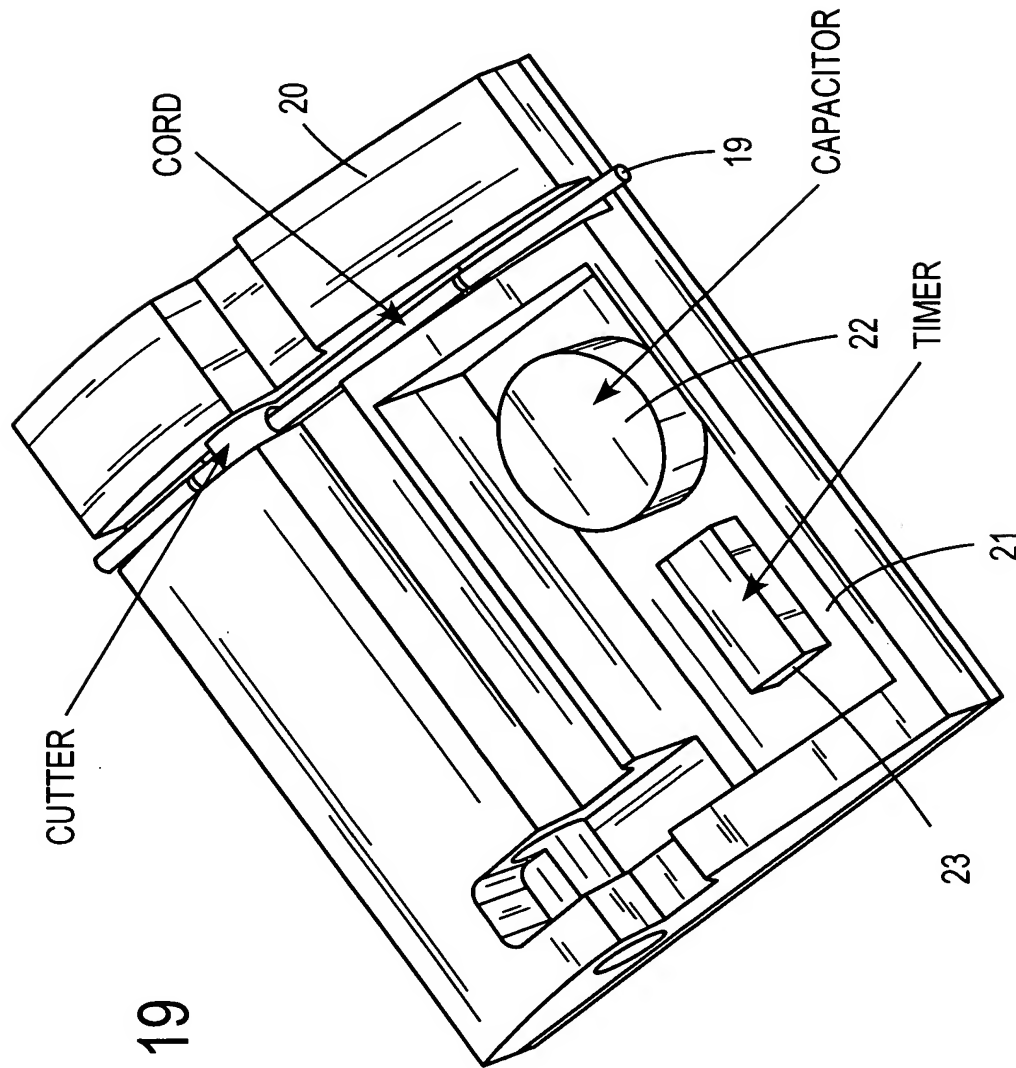


FIG. 19

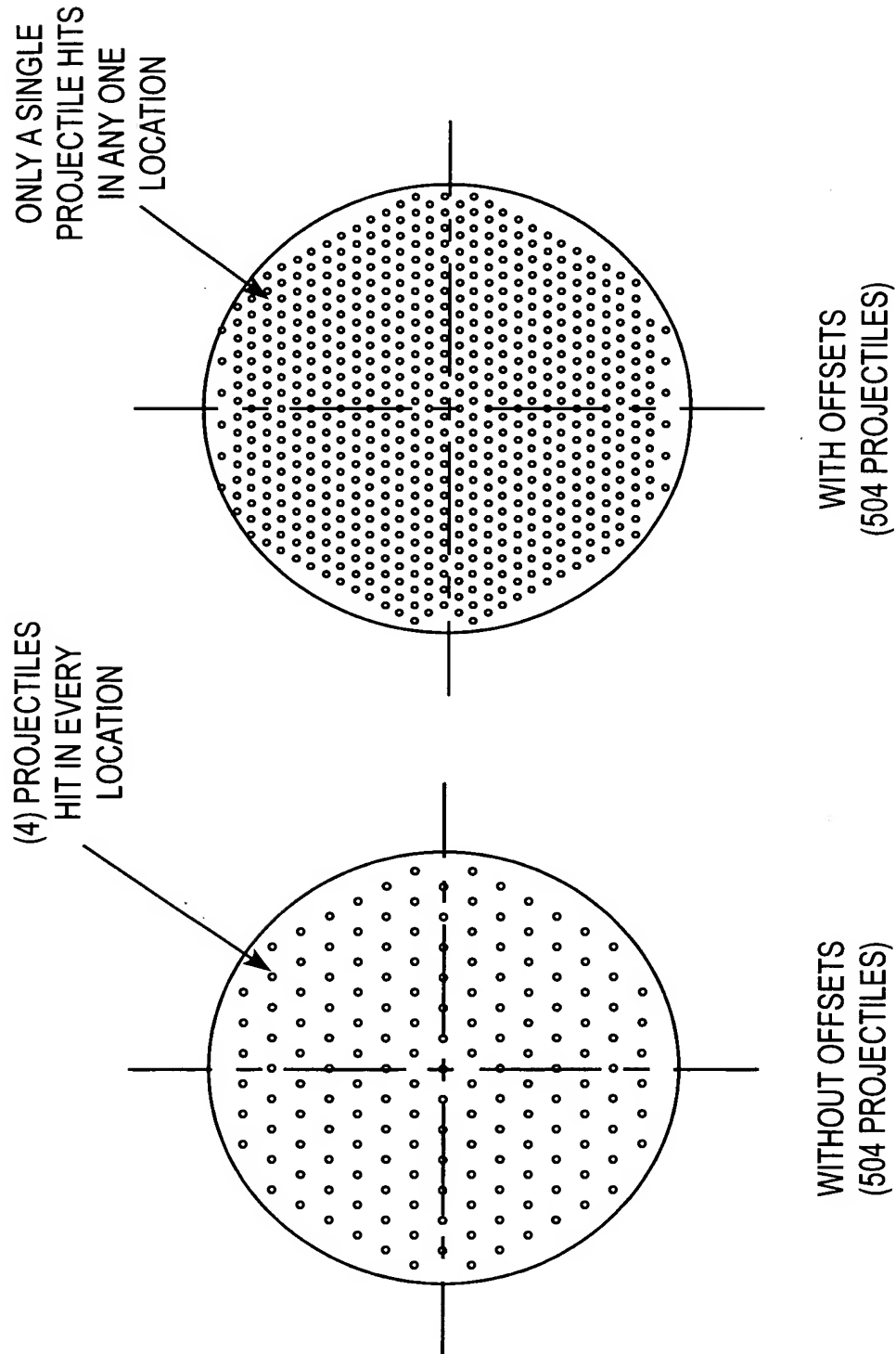
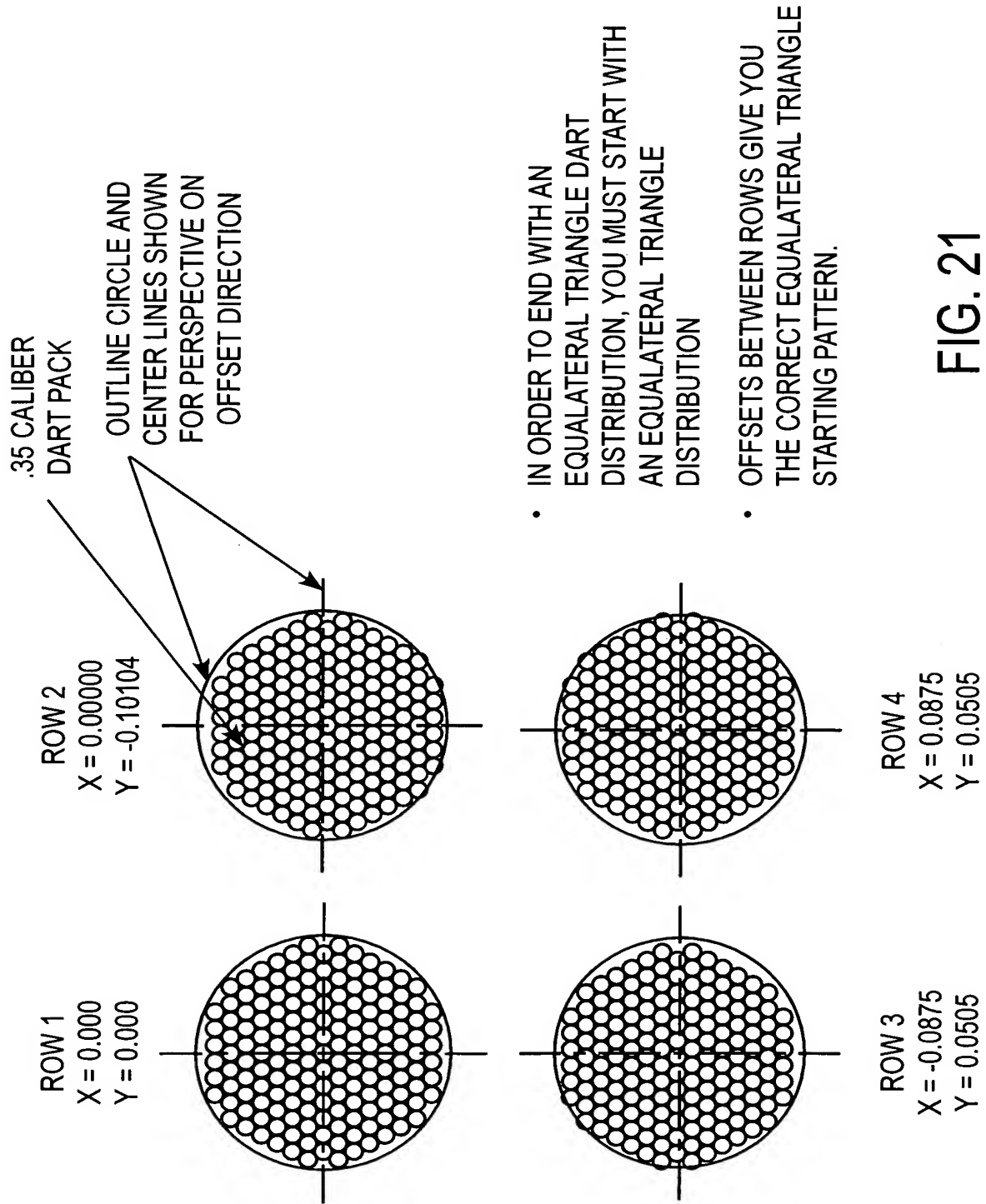


FIG. 20



**FIG. 21**

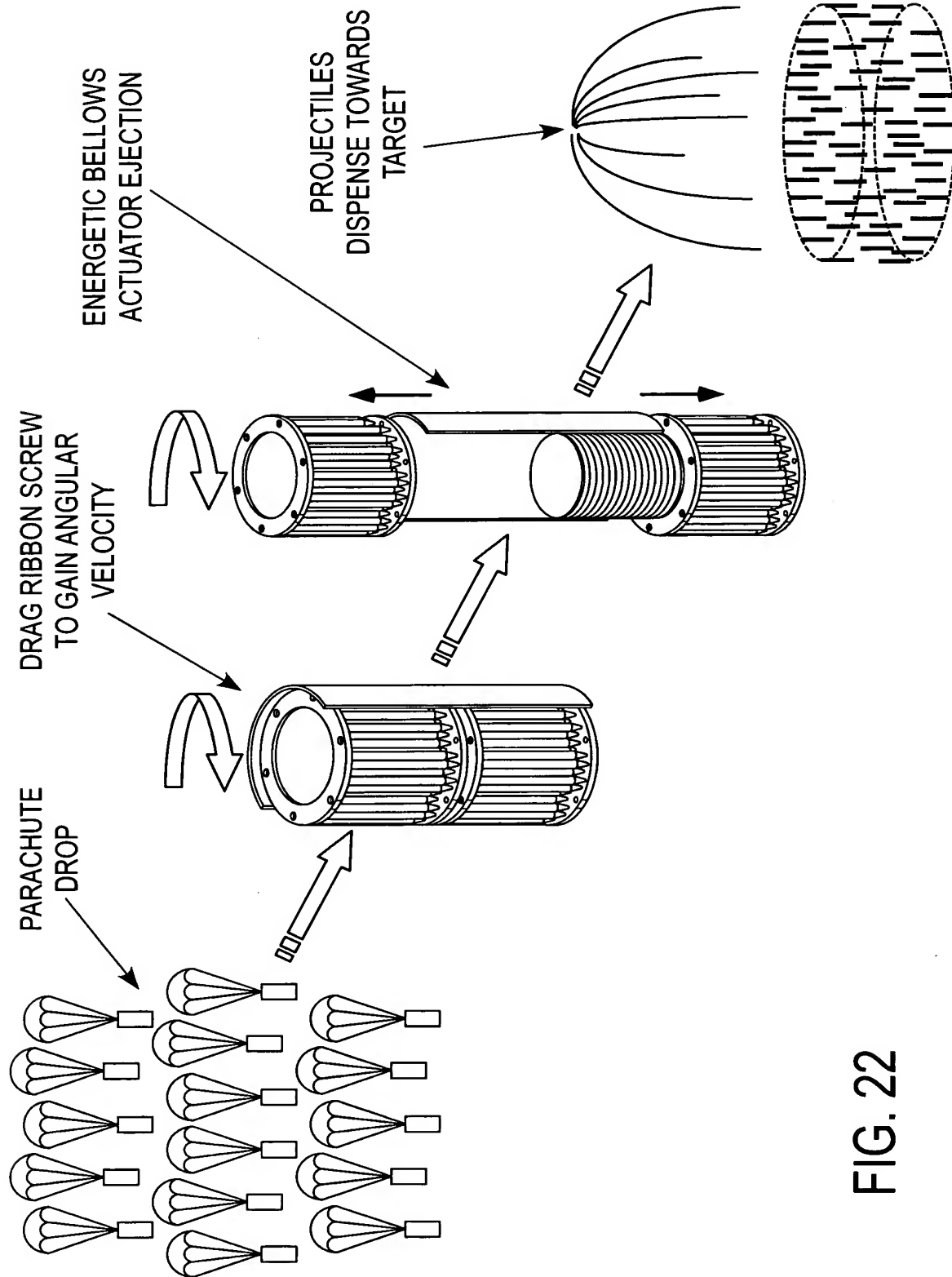


FIG. 22

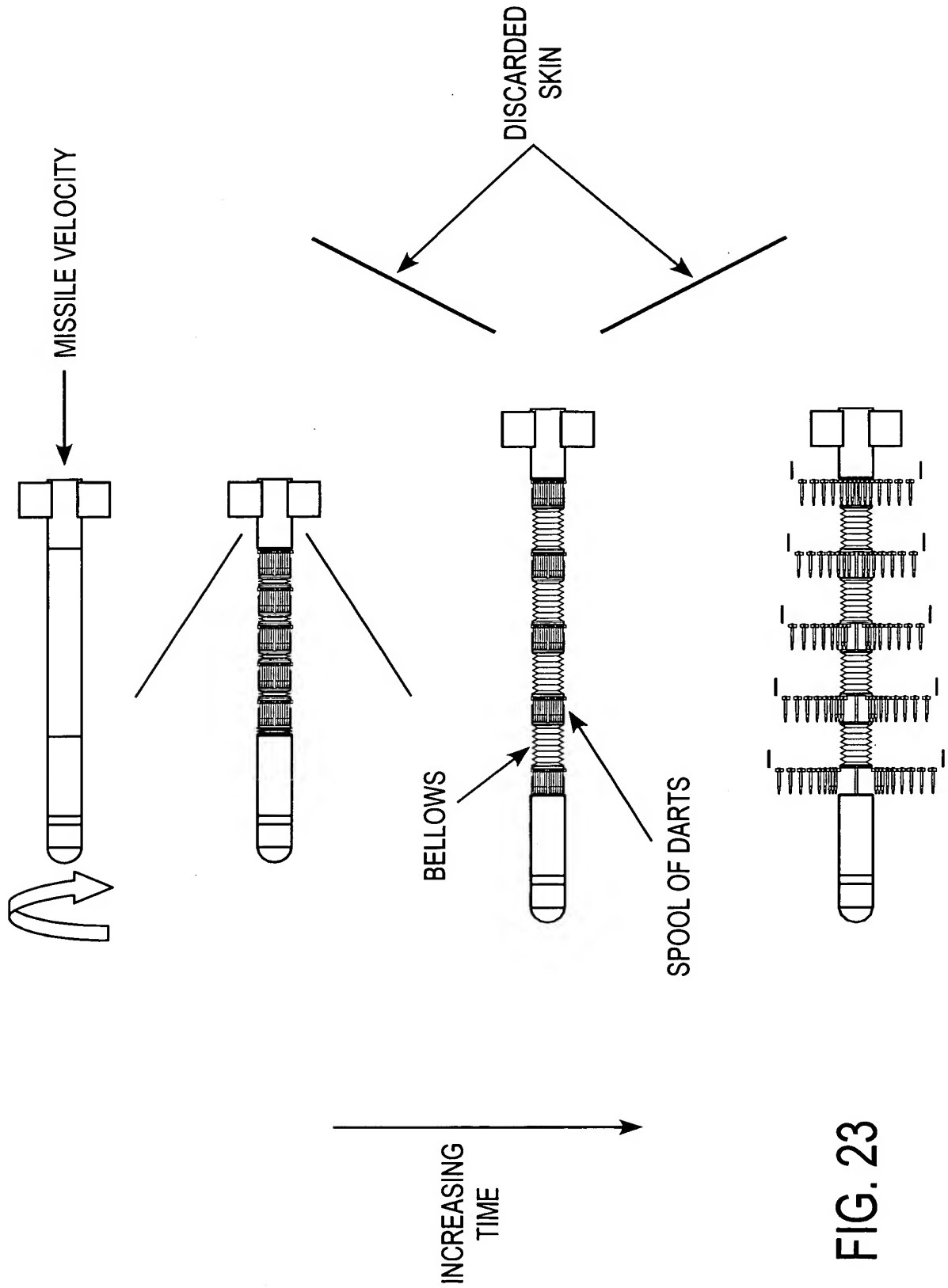


FIG. 23